

**IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 3 has been amended and claim 4 has been added as follows:

**Listing of Claims:**

Claim 1 (original): A method of heating a fluid controller using a heating device incorporating heaters and including a pair of holding members for sandwiching the fluid controller to be heated from both sides, wherein

when heating the fluid controller having a projecting joint at side surfaces and an operation driving part arranged at a top surface of a block shaped body, the body is heated from both side surfaces while controlling the temperature of a bottom surface of the body of the fluid controller.

Claim 2 (original): The method of heating the fluid controller as claimed in claim 1, wherein a joint accommodating recess for accommodating the joint is formed in the holding member, and the joint is heated with the body of the fluid controller.

Claim 3 (currently amended): The method of heating the fluid controller as claimed in claim 1 [[or 2]], wherein

heating is performed so that the central portion of each side surface of the body becomes a relatively high temperature compared with the bottom portion and the top portion thereof.

Claim 4 (new): The method of heating the fluid controller as claimed in claim 2, wherein heating is performed so that the central portion of each side surface of the body becomes a relatively high temperature compared with the bottom portion and the top portion thereof.